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Application No: 10/535,151  
Amendment B  
Reply to Office Action Dated 02/13/2008

Attorney Docket No: 3926-168

**IN THE CLAIMS:**

The following listing of claims replaces any earlier listing:

1. (currently amended) A wheel (10), comprising:  
a main body (12), and  
at least one reinforcing structure (14) for increasing a strength of the wheel (10),  
wherein the reinforcing structure (14) is at least partially ~~integrated inside~~  
integrally cast in the main body (12), and  
wherein the reinforcing structure (14) is prestressed under a pretensile stress  
serving to increase a compressive strength.
2. (cancelled).
3. (previously presented) The wheel as claimed in claim 1, wherein the main body (12) has  
a nave component (16) and a blade component (18), the reinforcing structure (14) being  
arranged in the nave component (16) and/or in the blade component (18).
4. (previously presented) The wheel as claimed in claim 1, wherein the reinforcing structure  
(14) takes the form of a prefabricated reinforcing element (20).
5. (previously presented) The wheel as claimed in claim 4, wherein the reinforcing element  
(20) takes the form of a strengthening tube (22), which is integrated in the nave  
component (16) of the wheel (10).
6. (currently amended) ~~The wheel as claimed in claim 1,~~ A wheel (10), comprising:  
a main body (12), and

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at least one reinforcing structure (14) for increasing a strength of the wheel (10),  
wherein the reinforcing structure (14) is at least partially integrated inside the  
main body (12),

wherein the reinforcing structure (14) is prestressed under a pretensile stress  
serving to increase a compressive strength, and

wherein the reinforcing structure (14) has a mesh inlay (24).

7. (previously presented) The wheel as claimed in claim 6, wherein the mesh inlay (24) comprises a plurality of mesh components (26, 28, 30) extending in a radial direction and/or in an axial direction and/or in a peripheral direction in relation to the wheel (10).
8. (previously presented) The wheel as claimed in claim 6, wherein the mesh inlay (24) is arranged, at least in part, immediately below the surface (31) of the main body (12).
9. (previously presented) The wheel as claimed in claim 6, wherein the mesh inlay (24) is arranged at least partially at the surface (31) of the main body (12).
10. (currently amended) ~~The wheel as claimed in claim 1,~~ A wheel (10), comprising:  
a main body (12), and  
at least one reinforcing structure (14) for increasing a strength of the wheel (10),  
wherein the reinforcing structure (14) is at least partially integrated inside the  
main body (12),  
wherein the reinforcing structure (14) is prestressed under a pretensile stress  
serving to increase a compressive strength, and  
wherein the reinforcing structure (14) additionally has a reinforcing component  
(32) arranged entirely externally in relation to the main body (12) and fixed thereto.
11. (previously presented) The wheel as claimed in claim 10, wherein the external reinforcing

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- component (32), as a stiffening element (34) at least partially reproducing the blade geometry, is provided with an at least partially integrated inlay structure (36).
12. (previously presented) The wheel as claimed in claim 10, wherein the external reinforcing component (32) takes the form of a high-strength circular banding unit.
  13. (cancelled).
  14. (previously presented) The wheel as claimed in claim 1, wherein the reinforcing structure (14) has a multiplicity of reinforcing fibers (38) freely distributed in the main body (12).
  15. (previously presented) The wheel as claimed in claim 1, wherein the reinforcing structure (14) has high-strength metal fibers and/or carbon fibers and/or glass fibers.
  16. (previously presented) The wheel as claimed in claim 1, wherein the main body (12) is manufactured using aluminum as basic material.
  17. (previously presented) The wheel as claimed in claim 1, wherein the wheel is a compressor wheel and in particular a compressor wheel for an exhaust-gas turbocharger of a motor vehicle.